

3B

Date: Wednesday, 2/15/2006 3:50:22 PM
 User: Kim Johnston

Process Sheet

Customer : CU-DAR001 Dart Helicopters Services Drawing Name : SADDLE FITTING, AFT (OUTBOARD/INBOARD)
 Job Number : 25862
 Estimate Number : 10534
 P.O. Number : N/A Part Number : D2574
 This Issue : 2/15/2006 S.O. No. : N/A Drawing Number : D2574 REV E
 Prsht Rev. : NC Project Number : N/A
 First Issue : N/A Type : MACHINED PARTS Drawing Revision : E
 Previous Run : 25833 Material : N/A
 Written By : SEE COMMENT BELOW Due Date : 3/10/2006 Qty: 6 Um: Each
 Checked & Approved By : 06.02.16
 Comment : Est Rev: I As Per RevE 06-01-27 JLM

Additional Product

Job Number:



Seq. #: Machine Or Operation: Description :

1.0 D6101005 7075-T7351 8.25X5.0X2.5



Comment: Qty.: 1.0000 Each(s)/Unit Total : 6.0000 Each(s)

7075-T7351 8.25X5.0X2.5

Make from D6101-005 billet for D2574

Ensure that grain is along 5.00" length

Batch No: 023940

u 060312

S.G

06103107

6

2.0 HAAS1 HAAS CNC VERTICAL MACHINING #1



Comment: HAAS CNC VERTICAL MACHINING #1

Program Batch No. 025862 Double check by: SG

1-Machine Step No 1 per Folio FA051 and inspect per attached Dimension Sheets 2-Machine Step No 2 per Folio FA051 and inspect per attached Dimension Sheets

3-Machine Step No 3 per Folio FA051 and inspect per attached Dimension Sheets

4-Deburr and remove all machining marks

5-Tumble to remove sharp edges.

1/S.G

06103107

6

3.0 MILLING CONV. CONVENTIONAL MILLING MACHINE



Comment: CONVENTIONAL MILLING MACHINE

Machine keyway as per dwg D2573 & D2574

SG/S.G

06103111

6

4.0 QC2 INSPECT PARTS AS THEY COME OFF MACHINE



Comment: INSPECT PARTS AS THEY COME OFF MACHINE

SG/S.G

06103111

6

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes ☐ No ☒ DQA: 12 Date: 06/03/15
 QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Wednesday, 2/15/2006 3:50:22 PM
User: Kim Johnston

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: SADDLE FITTING, AFT (OUTBOARD/INBOARD)

Job Number: 25862

Part Number: D2574

Job Number:



Seq. #:

Machine Or Operation:

Description :

5.0

QC8

SECOND CHECK



Comment: SECOND CHECK

BC 06.03.13 6

6.0

HAND FINISHING1

HAND FINISHING RESOURCE #1



Comment: HAND FINISHING RESOURCE #1

Acid etch and Alodine as per QSI 005 4.1

SAD 06.03.04 6

7.0

POWDER COATING

POWDER COATING



Comment: POWDER COATING

Powder Coat White Gloss (Ref: 4.3.5.1) as per QSI 005 4.3

M 06 03 14 (6)

8.0

QC3

INSPECT POWDER COAT/CHEMICAL CONVERSION



Comment: INSPECT POWDER COAT

DL 06/03/14 (6)

9.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock

Location: ST480

C Dec 03/15

(6)

10.0

DC

DOCUMENT CONTROL



Comment: DOCUMENT CONTROL

Inspection Level 21

(6) 06/03/15

Job Completion



DL Dec 03.15

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

DART AEROSPACE LTD	Work Order:	25862
Description: Saddle, Aft Inboard	Part Number:	D2574
Inspection Dwg: D2574 Rev. E		Page 1 of 1

Inspect dimensions highlighted on inspection sheet drawing D2574 Rev. E and record below:

				Recorded Actual Dimensions					
Dim	Min	Max	Go/No Go Gauge	1	2	3	4	By	Date
A	0.438	0.443	DT8682	0.438	0.438	0.438	0.438		
B	1.745	1.755		1.747	1.746	1.746	1.746		
C	3.495	3.505		3.496	3.497	3.495	3.495		
D	1.745	1.755		1.747	1.746	1.746	1.746		
E	7.990	8.010		8.003	8.006	8.004			
F	0.490	0.510		0.500	0.500	0.499	0.499		
G	0.257	0.262	DT8683	0.257	0.257	0.257	0.257		
H	0.375	0.380	DT8684	0.375	0.375	0.375	0.375		
I	0.490	0.510		0.501	0.501	0.501	0.503		
J	1.174	1.184		1.177	1.177	1.177	1.177		
K	0.558	0.578		0.570	0.568	0.568	0.569		
L	1.174	1.184		1.177	1.177	1.177	1.177		
M	1.365	1.375		1.368	1.368	1.368	1.368		
N	2.495	2.505		2.497	2.497	2.495	2.495		
O	4.119	4.129		4.122	4.121	4.121	4.121		
P	0.115	0.135		0.122	0.125	0.124	0.125		
Q	0.115	0.135		0.130	0.130	0.130	0.130		
R	0.240	0.260		0.251	0.252	0.252	0.253		
S	0.115	0.135		0.130	0.130	0.131	0.130		
T	0.178	0.198		0.188	0.188	0.188	0.188		
U	3.210	3.250		3.230	3.230	3.230	3.230		
V	0.230	0.250		0.235	0.237	0.240	0.240		
W	0.115	0.135		0.125	0.126	0.173	0.127		
X	0.307	0.312		0.310	0.310	0.310	0.310		
Y	0.760	0.765		0.766	0.760	0.760	0.760		
Z	0.352	0.372		0.360	0.366	0.360	0.360		
AA	0.470	0.530		0.500	0.500	0.508	0.500		
AB	0.615	0.635		0.621	0.623	0.625	0.625		
AC	0.053	0.073		0.063	0.063	0.063	0.063		
AD	0.240	0.260		0.248	0.247	0.255	0.255		
AE	1.500	1.520		1.509	1.508	1.509	1.509		
AF	0.115	0.135		0.130	0.130	0.130	0.130		
AG	0.240	0.280		0.260	0.260	0.260	0.260		
AH	0.240	0.260		0.253	0.252	0.250	0.249		
AI	2.000	2.020		N/A	N/A	N/A	N/A		
AJ	0.023	0.043		0.030	0.030	0.030	0.030		
Accept/Reject									

Measured by:	EP/S.G
Date:	06/03/13

Audited by:	BC
Date:	06.03.13

Rev	Date	Change	Revised by	Approved
A		New Issue	RF	
B	02.09.27	Re-format; Added Rev. D	KJ	
C	02.10.11	Re-format; Added DT8682, DT8683, DT8684	KJ	
D	05.05.05	Added dimension AI	KJ/RF	
E	05.12.05	Added dimension AJ	KJ/JLM	

DART AEROSPACE LTD	Work Order:	25862
Description: Saddle, Aft Inboard	Part Number:	D2574
Inspection Dwg: D2574 Rev. E		Page 1 of 1

Inspect dimensions highlighted on inspection sheet drawing D2574 Rev. E and record below:

				Recorded Actual Dimensions					
Dim	Min	Max	Go/No Go Gauge	1	2	3	4	By	Date
A	0.438	0.443	DT8682	0.438	0.438				
B	1.745	1.755		1.746	1.746				
C	3.495	3.505		3.497	3.497				
D	1.745	1.755		1.746	1.746				
E	7.990	8.010		8.004	8.003				
F	0.490	0.510		0.499	0.499				
G	0.257	0.262	DT8683	0.257	0.257				
H	0.375	0.380	DT8684	0.375	0.375				
I	0.490	0.510		0.498	0.499				
J	1.174	1.184		1.177	1.177				
K	0.558	0.578		0.566	0.567				
L	1.174	1.184		1.177	1.177				
M	1.365	1.375		1.368	1.368				
N	2.495	2.505		2.495	2.496				
O	4.119	4.129		4.121	4.122				
P	0.115	0.135		0.123	0.127				
Q	0.115	0.135		0.130	0.136				
R	0.240	0.260		0.251	0.252				
S	0.115	0.135		0.129	0.129				
T	0.178	0.198		0.188	0.188				
U	3.210	3.250		3.230	3.230				
V	0.230	0.250		0.239	0.238				
W	0.115	0.135		0.124	0.124				
X	0.307	0.312		0.316	0.316				
Y	0.760	0.765		0.768	0.768				
Z	0.352	0.372		0.360	0.360				
AA	0.470	0.530		0.500	0.500				
AB	0.615	0.635		0.625	0.628				
AC	0.053	0.073		0.063	0.063				
AD	0.240	0.260		0.252	0.252				
AE	1.500	1.520		1.508	1.508				
AF	0.115	0.135		0.130	0.130				
AG	0.240	0.280		0.260	0.260				
AH	0.240	0.260		0.248	0.249				
AI	2.000	2.020		N/A	N/A				
AJ	0.023	0.043		0.030	0.030				
Accept/Reject									

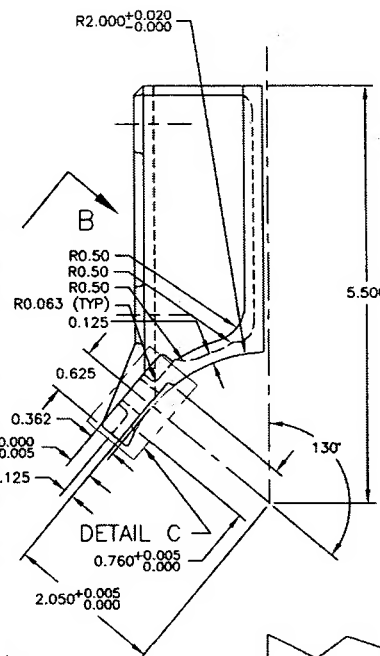
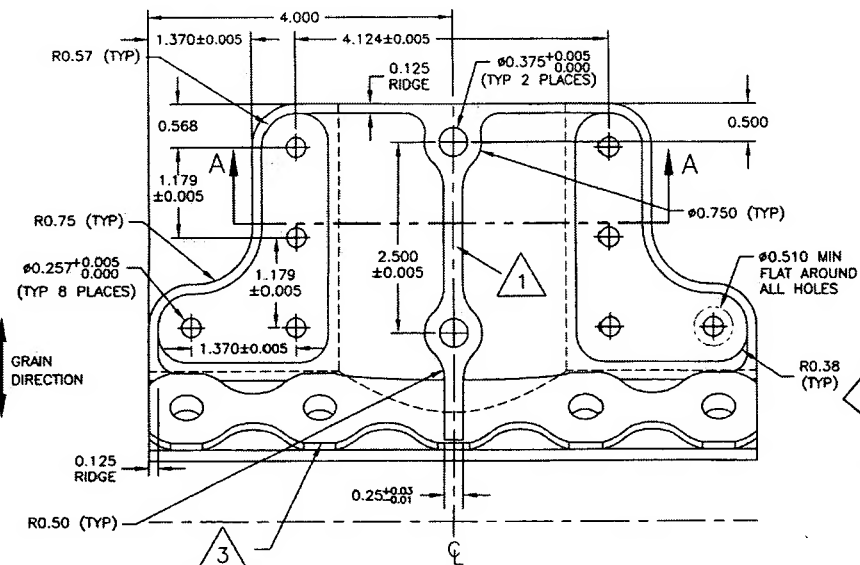
Measured by:	En 15.6
Date:	06/03/13

Audited by:	BC
Date:	06.03.13

Rev	Date	Change	Revised by	Approved
A		New Issue	RF	
B	02.09.27	Re-format; Added Rev. D	KJ	
C	02.10.11	Re-format; Added DT8682, DT8683, DT8684	KJ	
D	05.05.05	Added dimension AI	KJ/RF	
E	05.12.05	Added dimension AJ	KJ/JLM	

RELEASED

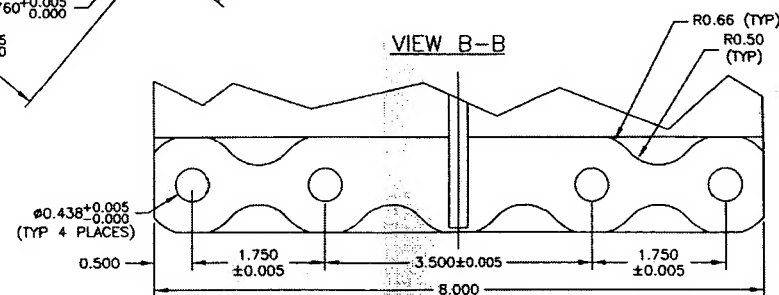
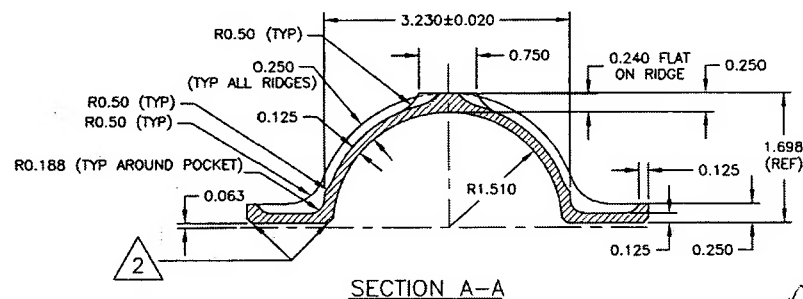
05.12.06



NOTES

MATERIAL: 7075-T7351 (QQ-A-250/12)
(REF DART SPEC. D6102-003)
FINISH: ACID ETCH, ALODINE PER DART QSI 005 4.1
POWDER COAT GLOSS WHITE (REF 4.3.5.1) PER DART QSI 005 4.3
BREAK ALL SHARP EDGES 0.010 TO 0.020
TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

- 1 ENGRAVE PART AND BATCH NUMBER IN THIS AREA TO MAX DEPTH OF 0.010
- 2 CHAMFER 0.063" x 45° AROUND THIS SURFACE (TYPICAL 2 PLACES)
- 3 CHAMFER 0.063 x 45° ALL AROUND
- 4 CHAMFER 0.033 x 45° (SEE DETAIL C)



DETAIL C
SCALE 2:1

E	05.07.13	ADD CHAMFER ON RIDGE NOTE 4
D	02.09.06	ADD RIDGES; TIGHTEN TOLERANCES
C	99.10.22	INCORP. DEO 9123/9079/9102 ADD DIMENSIONS PER TSR A1177
B	96.12.02	ADD GRAIN DIR., 0.438 WAS 0.425
A	96.09.16	NEW ISSUE
DESIGN	DS	DRAWN BY PH
CHECKED	PH	APPROVED
DATE	05.07.13	DRAWING NO. 02574
		TITLE INNER AFT SADDLE

COPYRIGHT © 2005 BY DART AEROSPACE LTD.

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

DART DART AEROSPACE LTD.
MARKHAM, ONTARIO, CANADA

REV. E
SHEET 1 OF 1
SCALE 2:3

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 25862